

**COAXIAL CABLE HAVING WIDE  
CONTINUOUS USABLE BANDWIDTH**

**Abstract of the Disclosure**

5       A coaxial cable includes: a metallic inner conductor formed of a first material and  
having a first thickness; a dielectric layer circumferentially surrounding the inner conductor  
formed of a second material and having a second thickness; a metallic outer conductor  
circumferentially surrounding the dielectric layer formed of a third material and having a  
third thickness; and a polymeric jacket circumferentially surrounding the outer conductor  
10   formed of a fourth material and having a fourth thickness.